

FHD 4U Rack Mount Fiber Enclosure

Designed for the data center environment, serves as a protection function for fiber management.



FHD 4U Slide-out Rack Mount Enclosure

FHD 4U Slide-out Fiber Rack Mount Enclosure provides a system for managing fiber terminations, connections, and patching in all types of applications. Enclosures are ideal for fast, reliable patch field creation in cross-connect or inter-connect main distribution areas (MDA) or horizontal distribution areas (HDA) for storage area network (SAN) patching.

Standards Compliance

- TIA/EIA-568-C.3
- RoHS Compliant
- ISO9001 Certificate

Features

- Up to 432 fibers in 4U space.
- Sliding drawer is ideal for panel access management.
- Offers total front access to all patch cords and rear cables for in-cabinet mounting locations.
- Mounts to standard EIA 19" rack rails, holds up to 12x FAPs or MTP® Cassettes.
- Ensures signal integrity, proper cable routing, bend radius control and cable protection.
- Provides flexibility solution for rapid deploy installation and patching application.



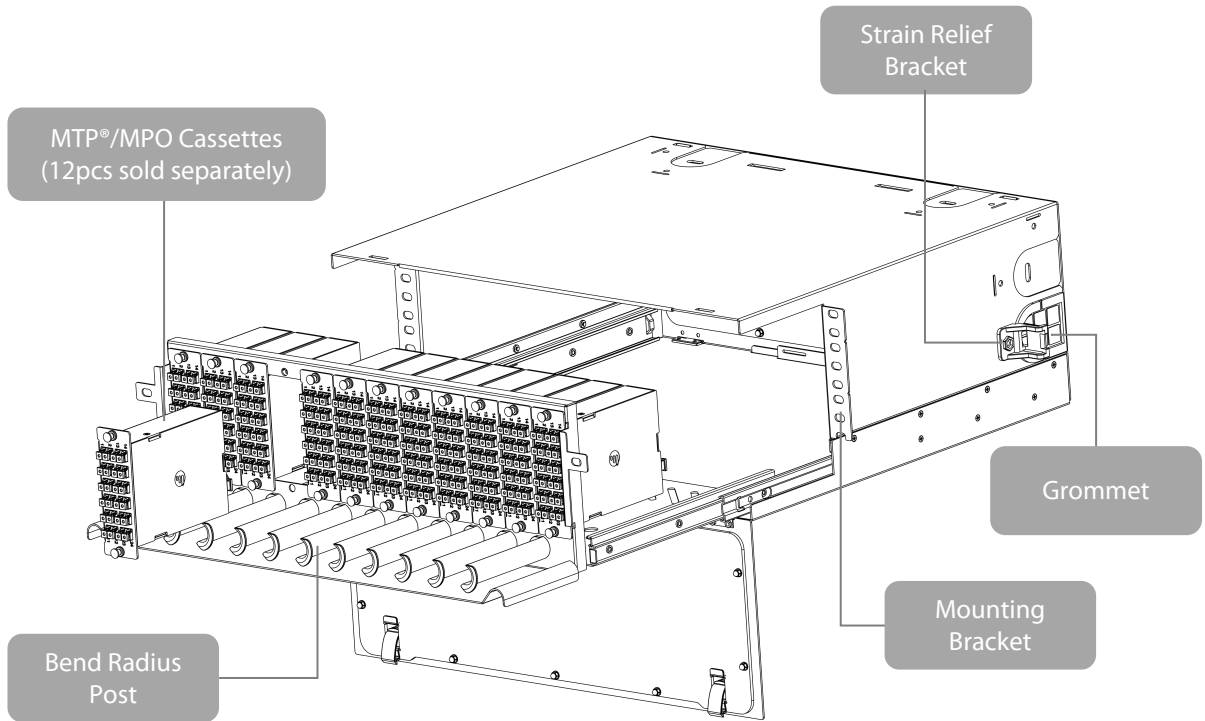
Product Specifications

No. of Rack Spaces	4U
Capacity	12 Ports
Fiber Count	Max. 432 Fibers
Enclosure Type	Rack-mountable
Material	SPCC (Black Coating)
Dimensions (HxWxD)	6.81"x17.40"x16.1" (173x442x408.8mm)
Installation	FHD Series FAPs and Cassettes









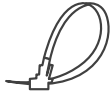




Environmental Characteristics

Operating Temperature	-25°C to 50°C
Storage Temperature	-40°C to 65 °C
Installation temperature	0°C to 50°C

Assembly Structure Illustration



Accessories List

- | | | | | | |
|---|------------------|---|------------------------------|--|------------------------------|
|  | Door Latch x4 |  | Loop Cable Tie Mount x2 |  | Grommet x4 |
|  | Slack Spool x2 |  | Adhesive Bevel Entry Clip x2 |  | Strain Relief Bracket x2 |
|  | Plastic Rivet x4 |  | Cable Tie x2 |  | Nylon Cable Tie x4 |
|  | Screw Package x1 |  | M4*8 Screw x4 and M4 Nut x8 |  | M6*15 Screw x4 and M6 Nut x4 |
|  | Screwdriver x1 | | | | |

Fiber Enclosure Capacity

Description	#ID	Part Number	Capacity	Fiber Count
FHD 1U slide-out rack mount enclosure	#70361	FHD-1UFCE	4 ports	144F
FHD 2U slide-out rack mount enclosure	#73205	FHD-2UFCE	8 ports	288F
FHD 4U slide-out rack mount enclosure	#73206	FHD-4UFCE	12 ports	432F
FHD 1U fixed rack mount enclosure	#34684	FHD-1UFMT-N	4 ports	144F
FHD 1U modular enclosure panel	#70419	FHD-1U-CMP400	4 ports	144F

Fiber Enclosure Loading List

I. Fiber Adapter Panel

Description	#ID (OS2)	#ID (OM4)
24F, 12x LC Duplex Fiber Adapter Panel	#35488	#51284
12F, 6x SC Duplex Fiber Adapter Panel	#35484	#41998
12x MTP® Key Up to Key Down Fiber Adapter Panel	#35510	#35510
8x MTP® Key Up to Key Up Fiber Adapter Panel	#52022	#52022
6-Port FHD Multimedia Modular Panel with 6x Plastic Clips	#66602	#66602

II. MTP®/MPO Cassette

Description	#ID (OS2)	#ID (OM4)
8F, MTP®-8 to 4x LC Duplex Cassette	#68401	#68402
12F, MTP®-12 to 6x LC Duplex Cassette, Type A	#57016	#57017
12F, MTP®-12 to 6x LC Duplex Cassette, Type AF	#57037	#57038
24F, 2x MTP®-12 to 12x LC Duplex Cassette, Type A	#57341	#57342
24F, 2x MTP®-12 to 12x LC Duplex Cassette, Type AF	#68540	#68541
36F, 3x MTP®-12 to 12x LC Duplex Cassette, Type A	#105333	#105335
36F, 3x MTP®-12 to 12x LC Duplex Cassette, Type AF	#105334	#105336
24F, MTP®-24 to 12x LC Duplex Cassette, Type A	#57023	#57024
24F, MTP®-24 to 12x LC Duplex Cassette, Type AF	#68549	#68550

*MTP® is a registered trademark of US Conec Ltd.

*The US Conec MTP® connectors are fully compliant with the MPO standards.

Product Application

I. Patch Cord Connections



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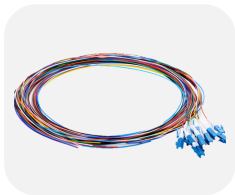
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Item No.	#ID	Description
1	#40234	1m (3ft) SC UPC to SC UPC Duplex Single Mode Fiber Patch Cable
2	#35484	6x SC Duplex, 12 Fibers OS2 Single Mode FHD Fiber Adapter Panel
3	#73206	4U Rack Mount FHD High Density Slide-out Fiber Enclosure

II. Fiber Optic Splicing



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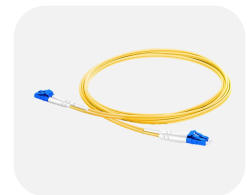
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Item No.	#ID	Description
1	#42529	1m (3ft) 12 Fibers LC/UPC 9/125 Single Mode Color-Coded Fiber Optic Pigtail
2	#64246	24 Fibers Optical Splice Tray for FHD Fiber Enclosure
3	#73206	4U Rack Mount FHD High Density Slide-out Fiber Enclosure
4	#35488	12x LC Duplex, 24 Fibers OS2 Single Mode FHD Fiber Adapter Panel
5	#68294	1m (3ft) Grade B LC UPC to LC UPC Duplex OS2 Fiber Patch Cable

III. MTP® Cabling Management



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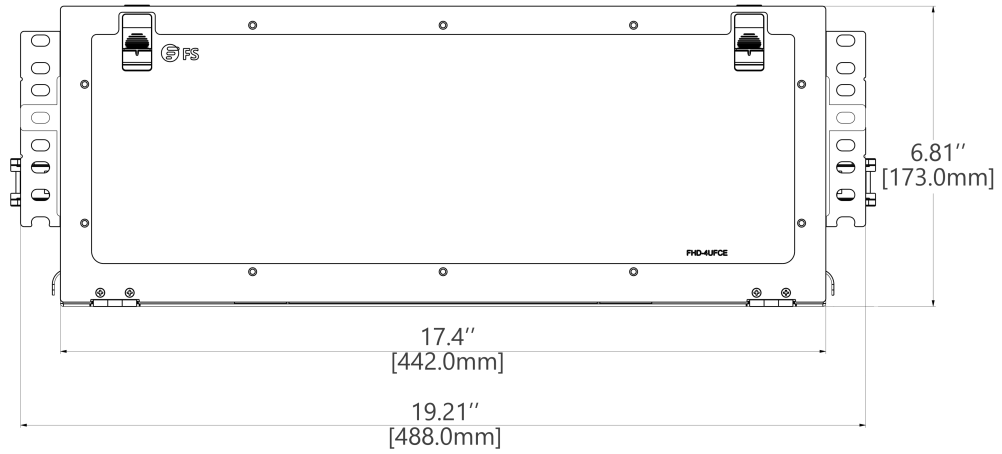
Item No.	#ID	Description
1	#68294	1m (3ft) Grade B LC UPC to LC UPC Duplex OS2 Fiber Patch Cable
2	#57341	2x MTP®-12 to 12x LC Duplex, Type A, 24 Fibers OS2 FHD MTP®/MPO Cassette
3	#68102	5m (16ft) MTP® Female 12 Fibers OS2 9/125 Single Mode Trunk Cable, Type A
4	#68540	2x MTP®-12 to 12x LC Duplex, Type AF, 24 Fibers OS2 FHD MTP®/MPO Cassette
5	#73206	4U Rack Mount FHD High Density Slide-out Fiber Enclosure

Note:

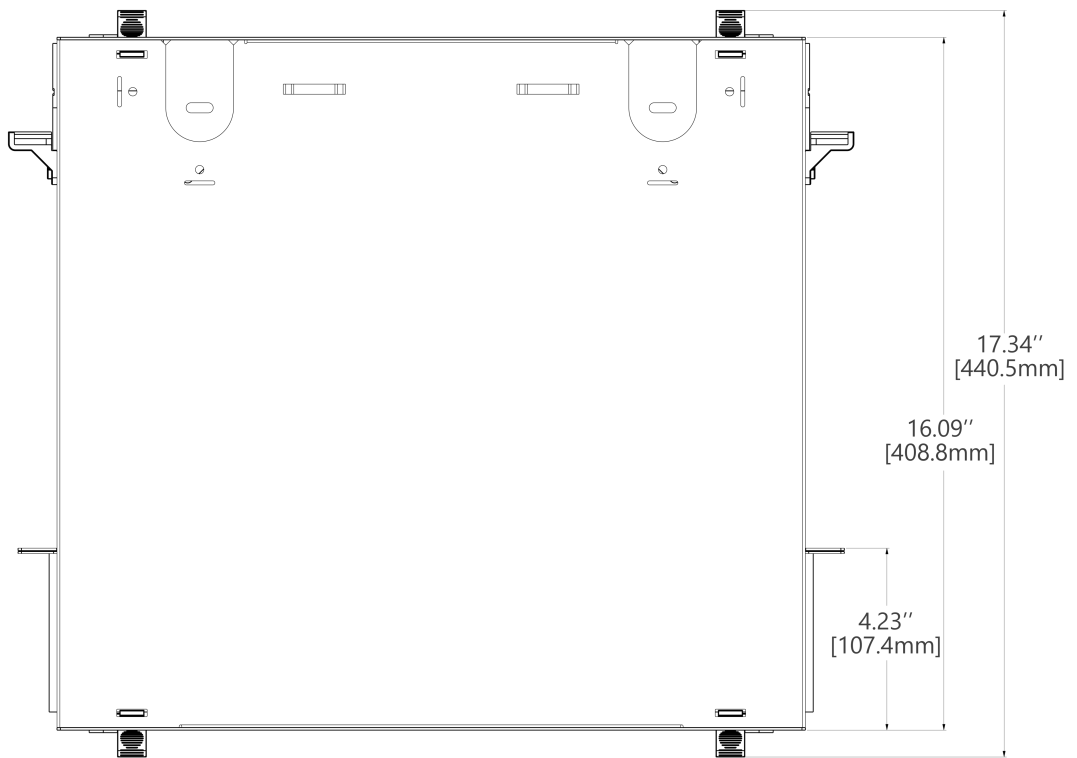
The basic application and matching products for the enclosure are shown for reference.

Product Specifications

Front View



Top View



Dimensions are in inches. (Dimensions in parentheses are in millimeters).



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